

# Water Quality Characteristics by Water Quality Zone

## December 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	136	136	98.3	66	205	2	73%
	2	108	114	14.5	91	129	9	13%
	3	85	85	17.2	55	122	11	20%
	4	100	96	10.8	87	116	9	11%
	5	115	118	12.9	94	133	15	11%
	6	109	116	18.0	75	127	10	16%
	7	113	115	7.2	96	120	11	6%
	8	185	169	53.1	141	262	4	29%
	9	88	84	16.3	74	138	12	18%
	10	80	81	3.6	75	83	4	5%
	System Wide	106	105	29.1	55	262	87	27%
<b>TDS ppm</b>	1	385	407	139.3	170	547	10	36%
	2	259	261	23.3	229	296	27	9%
	3	229	230	35.1	173	376	34	15%
	4	236	245	28.8	179	278	25	12%
	5	258	268	22.8	212	289	36	9%
	6	249	263	29.2	200	289	28	12%
	7	222	212	28.1	177	297	29	13%
	8	338	327	40.6	281	435	21	12%
	9	241	227	34.4	204	327	23	14%
	10	218	221	6.6	204	225	13	3%
	System Wide	255	243	56.2	170	547	246	22%
<b>Sodium ppm</b>	1	40	40	14.1	30	50	2	35%
	2	42	43	1.7	40	44	9	4%
	3	39	39	3.4	34	45	11	9%
	4	39	41	7.7	26	46	9	20%
	5	41	43	4.5	33	46	15	11%
	6	40	42	5.6	26	45	10	14%
	7	27	26	2.5	25	33	11	9%
	8	43	43	1.3	41	44	4	3%
	9	44	42	3.8	40	54	12	9%
	10	41	42	1.0	40	42	4	2%
	System Wide	39	42	6.5	25	54	87	17%

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<i>pH units</i>	1	7.7	7.6	0.33	7.4	8.3	10	4%
	2	8.1	8.1	0.12	7.9	8.2	27	1%
	3	8.1	8.1	0.19	7.6	8.3	34	2%
	4	7.9	8.0	0.19	7.5	8.2	25	2%
	5	7.8	7.8	0.19	7.4	8.1	36	2%
	6	7.9	7.9	0.19	7.5	8.3	28	2%
	7	7.8	7.8	0.16	7.5	8.2	29	2%
	8	7.7	7.7	0.11	7.4	7.9	21	1%
	9	8.0	8.0	0.16	7.7	8.2	23	2%
	10	7.9	7.9	0.08	7.8	8.0	13	1%
	System Wide	7.9	7.9	0.21	7.4	8.3	246	3%
<i>Chlorine ppm</i>	1	0.8	0.7	0.10	0.7	0.9	10	13%
	2	0.9	0.9	0.11	0.7	1.2	27	12%
	3	0.9	0.9	0.14	0.6	1.1	34	16%
	4	0.9	0.9	0.14	0.6	1.2	25	16%
	5	0.8	0.9	0.11	0.6	1.0	36	13%
	6	0.8	0.8	0.13	0.6	1.1	28	15%
	7	0.9	0.9	0.10	0.7	1.1	29	12%
	8	0.7	0.7	0.22	0.1	1.1	21	33%
	9	0.8	0.8	0.12	0.6	1.1	23	15%
	10	0.8	0.8	0.11	0.6	1.0	13	14%
	System Wide	0.8	0.9	0.15	0.1	1.2	246	17%
<i>Temperature deg C</i>	1	21.0	20.9	1.63	19.1	23.7	10	8%
	2	22.7	23.7	2.53	18.1	26.7	27	11%
	3	22.0	22.3	2.56	16.2	26.1	34	12%
	4	23.6	23.5	2.40	17.9	29.1	25	10%
	5	21.9	22.0	2.04	18.6	27.8	36	9%
	6	21.9	22.0	2.25	16.3	25.1	28	10%
	7	21.2	21.1	1.68	17.7	25.2	29	8%
	8	21.5	22.1	2.78	13.8	25.2	21	13%
	9	22.7	22.8	2.93	16.2	28.1	23	13%
	10	22.1	21.5	3.32	14.9	28.8	13	15%
	System Wide	22.1	22.3	2.47	13.8	29.1	246	11%